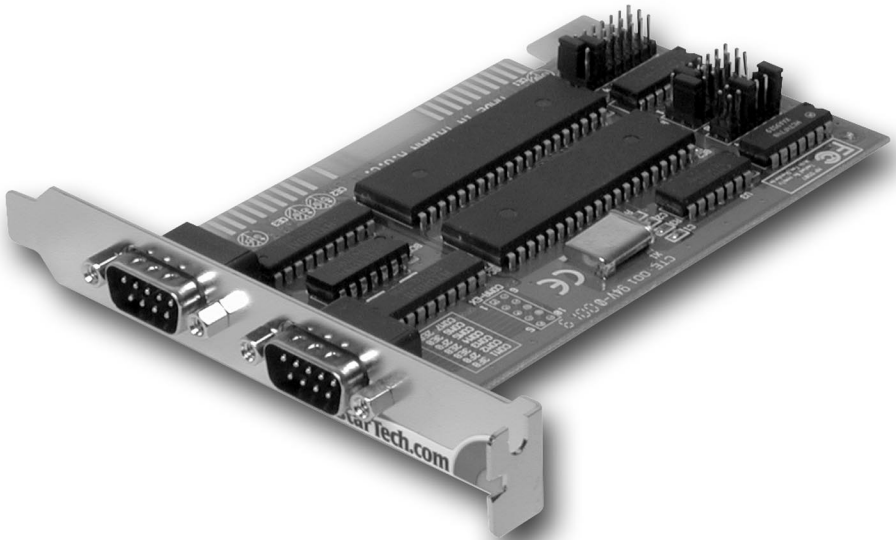


SERIAL CARD

Two Port 16550 ISA Serial Card

ISA2S550

Instruction Guide



* Actual product may vary from photo

StarTech.com



The Professionals' Source For Hard-to-Find Computer Parts

FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a StarTech.com two-port ISA 16550 serial card. Now you can add two extra COM ports to your computer, allowing you to connect extra serial peripherals like modems, mice or digitizers. Each port can provide up to 460.8Kbps of data transfer. The on-board jumpers ensure that this card is compatible with any operating system.

Features

- Provides two extra DB9-pin 16C550 COM ports (16 Byte FIFO)
- Supports three clock speeds for serial control: up to 115.2Kbps, 230.4Kbps or 460.8Kbps
- Allows flexible IRQ and COM port selection
- Backed by StarTech.com's lifetime warranty

Before You Begin

To ensure a quick and easy card installation, please read through this section carefully before attempting to install the card.

System Requirements

- An open ISA slot

WARNING! ISA cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your ISA card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the ISA card by its edges and not the gold connectors.

Contents

This package should contain:

- 1 x ISA serial card

Installation

This section will guide you through the installation of your ISA card. Please read through the instructions carefully and complete each step in the order listed.

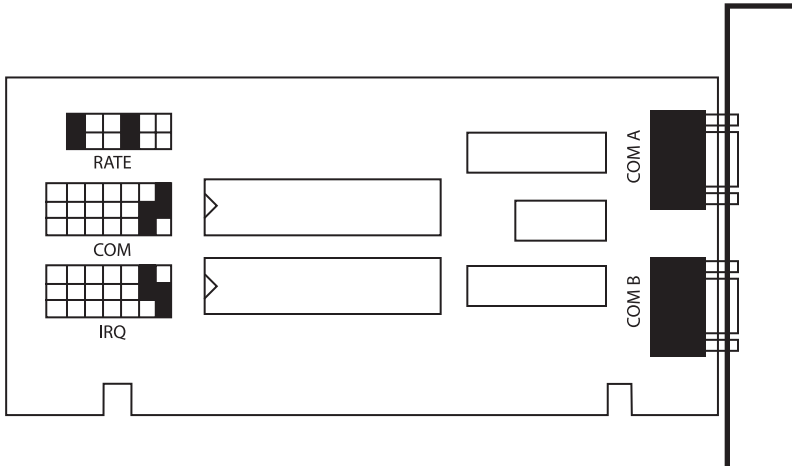
NOTE: If you want to configure your card in a manner that is different from the default you will need to adjust the jumpers before installing the card. See “Setting The Jumpers” on page 4.

Installing the Card

1. Make sure that your system is unplugged and you are grounded.
2. Remove the cover of your system (see your computer's user manual for details, if necessary) and gently turn your computer onto its side.
3. Locate an empty ISA slot (usually black in colour) and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step.
Hang on to the screw! You will need it to secure the card later.
4. Gently insert the card into the empty slot, making sure it is firmly seated.
5. Secure the card in place using the screw you removed in Step 3.
6. Put your computer case back on.

Setting the Jumpers

There are three sets of jumpers that can be configured on your card: reference transfer rate, COM address, and IRQ address.

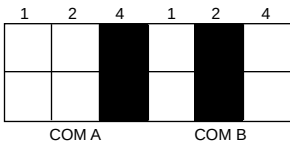


Reference Transfer Rate

There are three possible transfer rate settings (labeled 1, 2, and 4) for each COM port. Each pin corresponds to the following transfer rate:

Pin	Rate
1	115.2 Kbps (default)
2	230.4 Kbps
4	460.8 Kbps

Set the transfer rate for each port by setting the jumpers according to the following example:

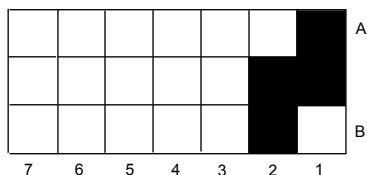


In the example above, Port A has been set to 460.8Kbps and Port B has been set to 230.4Kbps.

COM Address

There are seven possible COM address settings (labeled 1 through 7) for each COM port.

1. Find an available COM Address on your system. Consult the user manual that came with your OS for instructions, if necessary. This card supports COM Addresses 1 through 7.
2. Set the COM Address for each port by placing the jumpers according to the following example:



In the example above, Port A is set to COM 1 and Port B is set to COM 2.

The base addresses are as follows:

COM 1	3F8-3FF Hex
COM 2	2F8-2FF Hex
COM 3	3E8-3EF Hex
COM 4	2E8-2EF Hex
COM 5	2F0 Hex
COM 6	3E0 Hex
COM 7	2E0 Hex

IRQ Address

There are eight possible IRQ address settings (labeled 3, 4, 5, 9, 10, 11, 12, 15) for each port.

1. Find an available IRQ on your system. Consult the user manual that came with your OS for instructions, if necessary.
2. Set the IRQ line for each port by placing the jumpers according to the following example:

15	12	11	10	9	5	4	3	
								A
								B

In the example above, Port A is set to IRQ 4 and Port B is set to IRQ 3.

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech Support* link on our homepage, www.startech.com. In the tech support section there are a number of options that can provide assistance with this card.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help: **1-519-455-4931**

Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

This product is backed by a lifetime warranty. In addition StarTech.com warrants its products against defects in materials and workmanship for the periods noted below, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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